

ABSTRACT

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2 A controllably rotatable seat having an arm to which one or more seats are attached. The  
3 arm is rotatably connected to a carrier. An electrical motor, pneumatics, hydraulics, or any other  
4 mechanism that is well known in the art for producing rotation rotates the arm and, consequently,  
5 the seat or seats. Initiation of rotation and returning of the seat or seats to their original  
6 orientation is accomplished by a timer, a sensor detecting targets, or the measurement of some  
7 physical criterion associated with movement of the carrier. Preferably, a lever arm connects the  
8 arm to the <sup>device</sup>~~means~~ for rotating so that the point of rotation of the <sup>device</sup>~~means~~ for rotating will be  
9 substantially aligned with the center of gravity of a participant sitting on the seat.

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